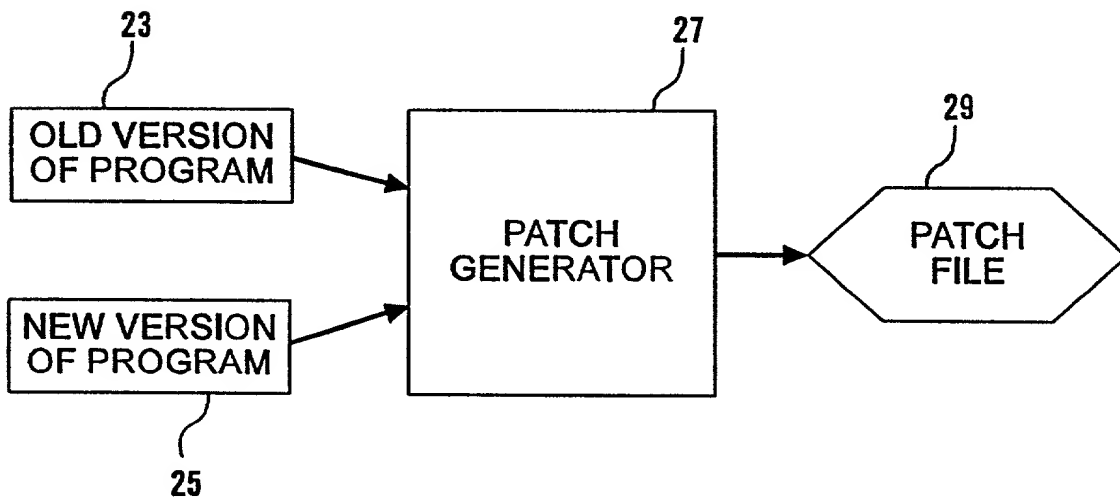


**FIG. 1**  
PRIOR ART



**FIG. 2**  
PRIOR ART

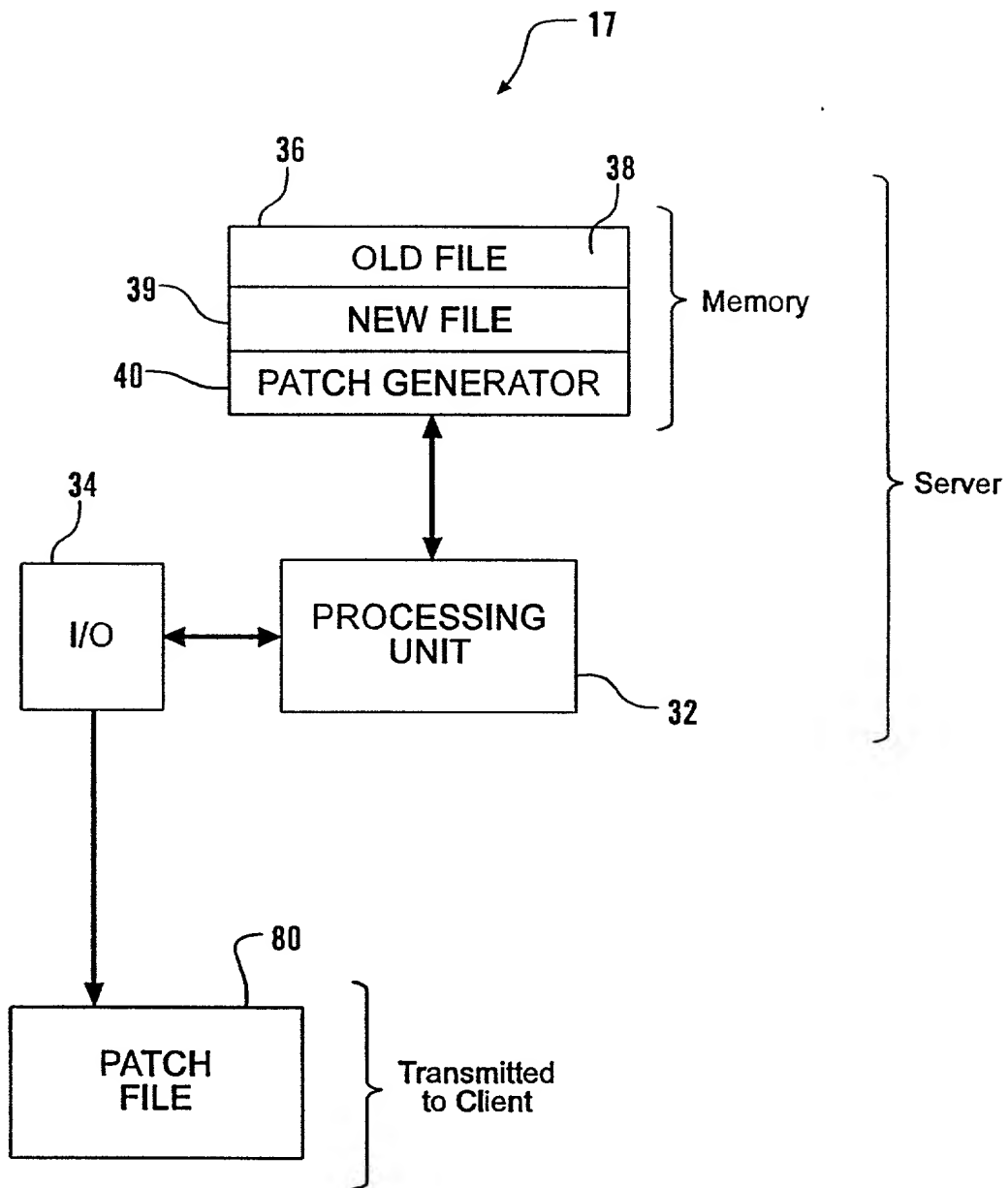


FIG. 3

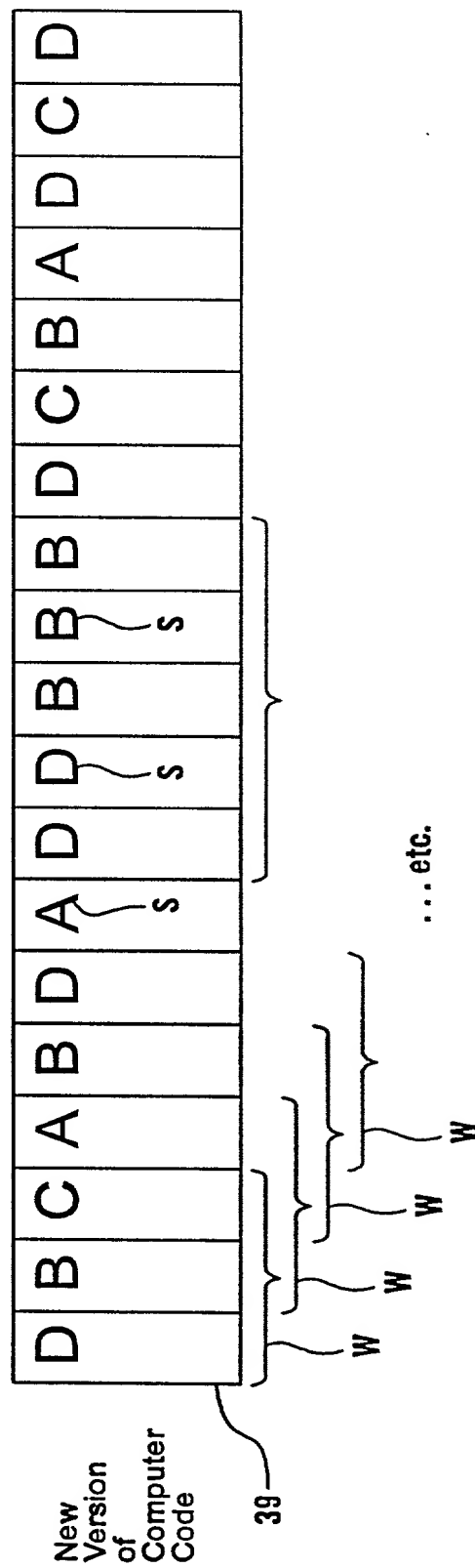
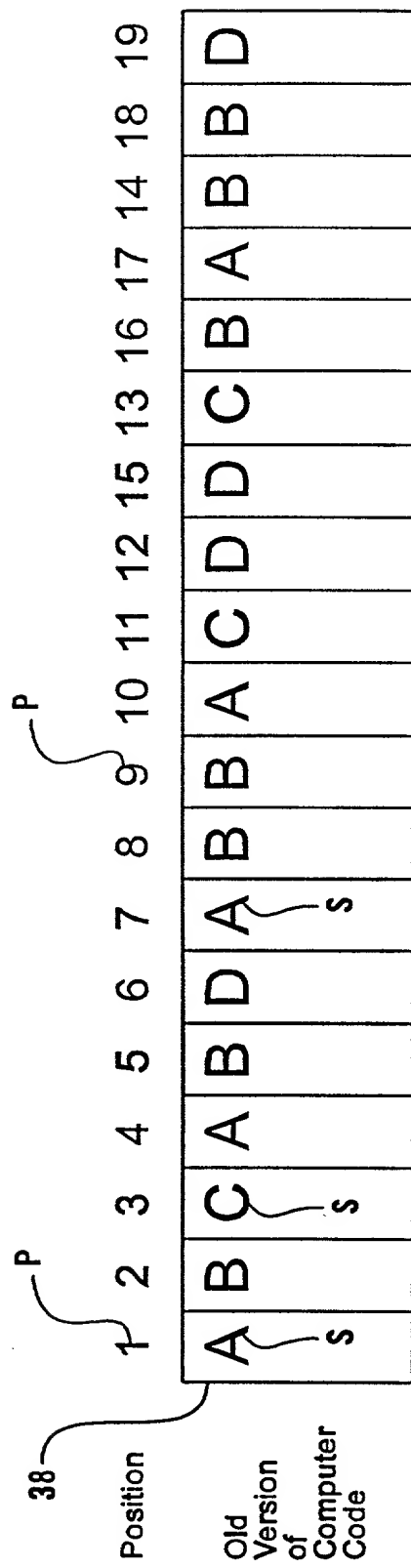


FIG. 4

First List  
(Old Version  
of Computer  
Code):

Second List  
(New Version  
of Computer  
Code):

Word	Position	Word	Position
ABC	1	DBC	1
BCA	2	BCA	2
CAB	3	CAB	3
ABD	4	ABD	4
BDA	5	BDA	5
DAB	6	DAD	6
ABB	7	ADD	7
BBA	8	DDB	8
BAC	9	DBB	9
ACD	10	BBB	10
CDD	11	BBD	11
DDC	12	BDC	12
DCB	13	DCB	13
CBA	14	CBA	14
BAB	15	BAD	15
ABB	16	ADC	16
BBD	17	DCD	17

FIG. 5



First Sorted  
List of Code:

Second Sorted  
List of Code:

Line Number	Word	Offset ( $P_{1st}$ )	Word	Offset ( $P_{2nd}$ )
1	ABB	7	ABD	4
2	ABB	16	ADC	16
3	ABC	1	ADD	7
4	ABD	4	BAD	15
5	ACD	10	BBB	10
6	BAB	15	BBD	11
7	BAC	9	BCA	2
8	BBA	8	BDA	5
9	BBD	17	BDC	12
10	BCA	2	CAB	3
11	BDA	5	CBA	14
12	CAB	3	DAD	6
13	CBA	14	DBB	9
14	CDD	11	DBC	1
15	DAB	6	DCB	13
16	DCB	13	DCD	17
17	DDC	12	DDB	8

FIG. 6



Current Line Number in First List	Current Line Number in Second List	Relation Between Current Words ("<", ">" or "=")
1	1	<
2	1	<
3	1	<
4	1	= (ABD)
5	2	<
6	2	>
6	3	>
6	4	<
7	4	<
8	4	>
8	5	<
9	5	>
9	6	= (BBD)
10	7	= (BCA)
11	8	= (BDA)
12	9	>
12	10	= (CAB)
13	11	= (CBA)
14	12	<
15	12	<
16	12	>
16	13	>
16	14	>
16	15	= (DCB)
17	16	>
17	17	>

FIG. 7



	60						
Word	ABD	BBD	BCA	BDA	CAB	CBA	DCB
Max Coincidence Block Length	*	3	6	*	*	*	4
Old File Offset	*	17	2	*	*	*	13
New File Offset	*	11	2	*	*	*	13

FIG. 8

	65		
Max Coincidence Block Length	3	6	4
Old File Offset	17	2	13
New File Offset	11	2	13

FIG. 9

	70		
Max Coincidence Block Length	6	3	4
Old File Offset	2	17	13
New File Offset	2	11	13

FIG. 10

	75		
End of Block + 1 in the New File	8	14	17

FIG. 11



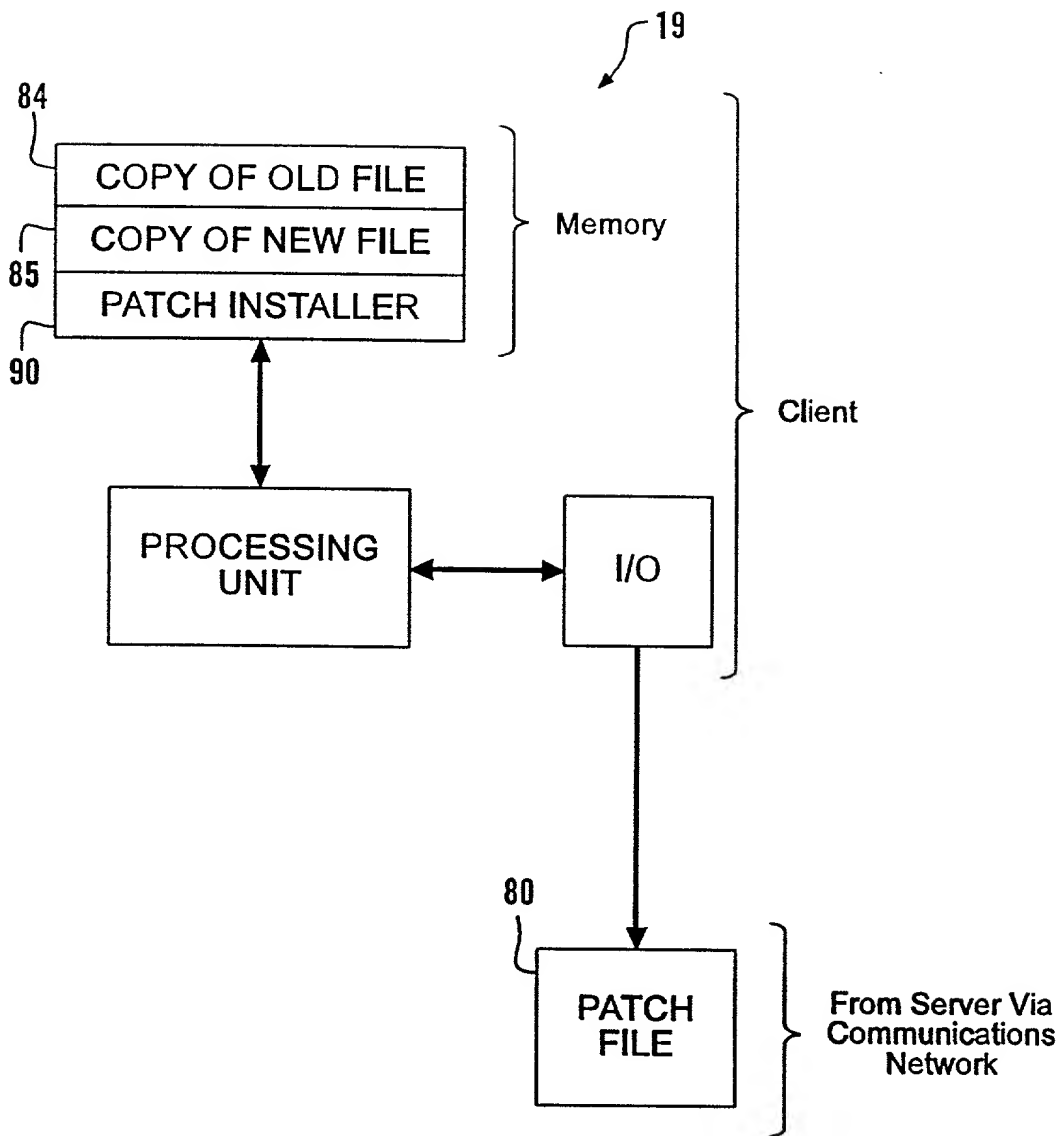


FIG. 12



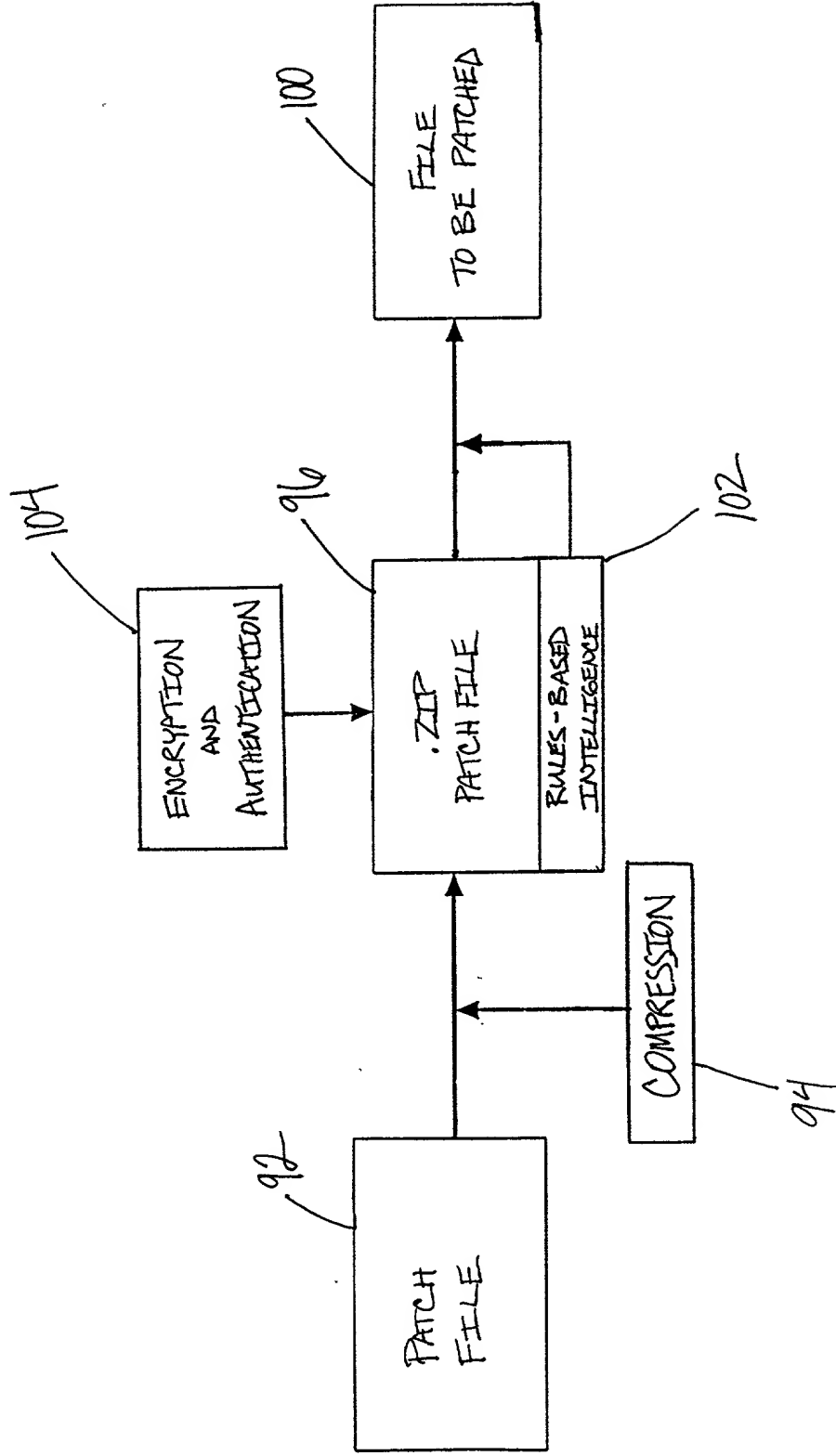


FIG. 13

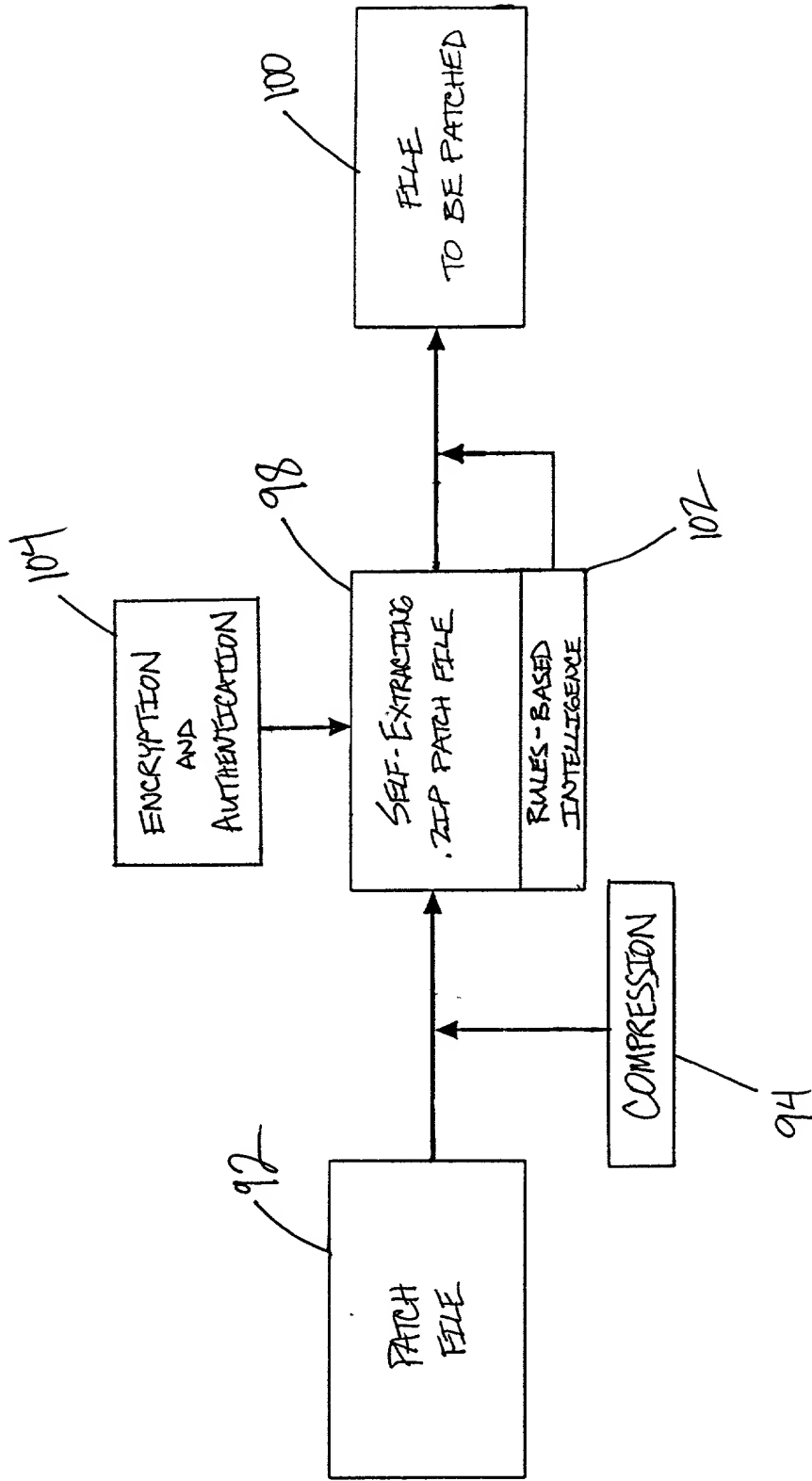


FIG. 14